II. Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the Application. Please amend the claims as follows:

Listing of Claims:

1.-26. (Canceled)

27. (Currently amended) A prosthetic device for soft tissue augmentation consisting essentially of a polymer hydrogel, said polymer hydrogel comprising less than 50 ppm monomeric units, at least 95% by weight pyrogen-free water or a saline solution and at least 0.5% by weight polyacrylamide and less than 3.5% by weight polyacrylamide, based on the total weight of the polymer hydrogel, wherein said prosthetic device has a complex viscosity of about 2 to 100 Pas, wherein said polyacrylamide consists essentially of a cross-linked polymerized acrylamide, wherein the crosslinking consists essentially of the use of methylene bis-acrylamide as a cross-linker and wherein the device is injectable into soft tissue.

28. (Canceled)

29. (Previously presented) The prosthetic device according to claim 27, wherein the polymer hydrogel comprises about 1.9 to 2.9% by weight polyacrylamide, based on the total weight of the polymer hydrogel.

30. (Canceled)

31. (Previously presented) The prosthetic device according to claim 27, wherein the polymer hydrogel further comprises cells for cellular engraftment to the surrounding tissue.

32. (Previously presented) The prosthetic device according to claim 31, wherein the cells are stem cells.

33. (Previously presented) The prosthetic device according to claim 27, wherein the polymer hydrogel comprises at least 1.5% by weight polyacrylamide, based on the total weight of the polymer hydrogel.

34. (Canceled)

35. (Previously presented) The prosthetic device according to claim 27 for at least one of cosmetic surgery of the face, reconstructive surgery of the face, body contouring, augmentation of the lips or reconstructive surgery of the lips.

36. (Previously presented) The prosthetic device according to claim 35 for cosmetic or reconstructive surgery of the face having a complex viscosity of about 2 to 20 Pas.

37. (Previously presented) The prosthetic device according to claim 35 for body contouring having a complex viscosity of about 5 to 50 Pas.

38. (Previously presented) The prosthetic device according to claim 35 for augmentation or reconstructive surgery of the lips having a complex viscosity of about 2 to 10 Pas.

39. (Previously presented) The prosthetic device according to claim 27 for use in correction of facial contour deformities due to at least one of aging, acne, trauma, surgery, infection or congenital deformities.

40. (Previously presented) The prosthetic device according to claim 39 wherein the correction of facial contour deformities is selected from the group consisting of at least one of a correction of the cheekbones, a correction of nasolabial folds, a correction of glabellar frowns, a correction of depressed contours of the mouth, a correction to the chin, a correction to size of the lips, a correction to shape of the lips, and a correction to other soft tissue deficiencies of the face.

41. – 43. (Canceled)

44. (Previously presented) The prosthetic device of claim 27 wherein the polymer hydrogel comprises less than 40 ppm monomeric units.

45. – 47. (Canceled)

48. (Previously presented) The prosthetic device of claim 27 wherein the polymer hydrogel comprises less than 20 ppm monomeric units.

49. (Previously presented) The prosthetic device according to claim 27, wherein said polyacrylamide is made by a method further comprising washing with pyrogen-free water or a saline solution after the acrylamide is polymerized.

50. (Previously presented) The prosthetic device according to claim 27, wherein said prosthetic device is stored in a syringe.

51. (Previously presented) The prosthetic device according to claim 50, wherein said syringe has a volume selected from the group consisting of 0.5 mL, 0.7 mL, 1.0 ml, 1.5 mL, 2.0 mL, 2.5 mL, 5.0 mL, 7.5 mL, 10 mL, 12.5 mL, 15 mL, 20 mL, and 25 mL.

52. (Currently amended) A method for soft tissue augmentation comprising administering to an area in need thereof a prosthetic device consisting essentially of a polymer hydrogel, said polymer hydrogel comprising less than 50 ppm monomeric units, at least 95% by weight pyrogen-free water or a saline solution and at least 0.5% by weight polyacrylamide and less than 3.5% by weight polyacrylamide, based on the total weight of the polymer hydrogel, wherein said prosthetic device has a complex viscosity of about 2 to 100 Pas, wherein said polyacrylamide consists essentially of a crosslinked polymerized acrylamide, wherein the crosslinking consists essentially of the use of methylene bis-acrylamide as a cross-linker and wherein the device is injectable into the soft tissue.

53. (Canceled)

54. (Previously presented) The method according to claim 52, wherein the polymer hydrogel comprises about 1.9 to 2.9% by weight polyacrylamide, based on the total weight of the polymer hydrogel.

55. (Canceled)

56. (Previously presented) The method according to claim 52, wherein the polymer hydrogel further comprises cells for cellular engraftment to the surrounding tissue.

57. (Previously presented) The method according to claim 56, wherein the cells are stem cells.

58. (Previously presented) The method according to claim 52, wherein the polymer hydrogel comprises at least 1.5% by weight polyacrylamide, based on the total weight of the polymer hydrogel.

59. (Previously presented) The method according to claim 52, wherein the soft tissue augmentation is selected from the group consisting of at least one of cosmetic surgery of the face, reconstructive surgery of the face, body contouring, augmentation of the lips and reconstructive surgery of the lips.

60. (Previously presented) The method according to claim 59, wherein the soft tissue augmentation is cosmetic or reconstructive surgery of the face and wherein the prosthetic device has a complex viscosity of about 2 to 20 Pas.

61. (Previously presented) The method according to claim 59, wherein the soft tissue augmentation is body contouring and the prosthetic device has a complex viscosity of about 5 to 50 Pas.

62. (Previously presented) The method according to claim 59, wherein the soft tissue augmentation is augmentation or reconstructive surgery of the lips and the prosthetic device has a complex viscosity of about 2 to 10 Pas.

63. (Previously presented) The method according to claim 52, wherein the soft tissue augmentation is correction of facial contour deformities due to at least one of aging, acne, trauma, surgery, infection or congenital deformities.

64. (Previously presented) The method according to claim 63, wherein the correction of facial contour deformities is selected from the group consisting of at least one of a correction of the cheekbones, a correction of nasolabial folds, a correction of glabellar frowns, a correction of depressed contours of the mouth, a correction to the chin, a correction to size of the lips, a correction to shape of the lips, and a correction to other soft tissue deficiencies of the face.

65. – 66. (Canceled)

67. (Previously presented) The method according to claim 52, wherein the polymer hydrogel comprises less than 40 ppm monomeric units.

68. – 70. (Canceled)

71. (Previously presented) The method according to claim 52, wherein the polymer hydrogel comprises less than 20 ppm monomeric units.

72. (Previously presented) The method according to claim 52, wherein said polyacrylamide is made by a method further comprising washing with pyrogen-free water or a saline solution after the acrylamide is polymerized.

73. (Previously presented) The method according to claim 52, wherein said prosthetic device is stored in a syringe.

74. (Previously presented) The method according to claim 73, wherein said syringe has a volume selected from the group consisting of 0.5 mL, 0.7 mL, 1.0 ml, 1.5 mL, 2.0 mL, 2.5 mL, 5.0 mL, 7.5 mL, 10 mL, 12.5 mL, 15 mL, 20 mL, and 25 mL.

75. (Previously presented) The prosthetic device of claim 27, wherein the polymer hydrogel consists essentially of the formula $(C_3H_5NO)_x(C_7H_{10}N_2O_2)_y$.

76. (Previously presented) The method according to claim 52, wherein the polymer hydrogel consists essentially of the formula $(C_3H_5NO)_x(C_7H_{10}N_2O_2)_y$.